

Updated 2/13/08

Task	Subtask	Who	Start	End	Completed
<b>KEY:</b>					
<b>Red:</b>	<b>Highest Priority;</b>	<b>Blue:</b>	<b>Completed;</b>	<b>Black:</b>	<b>Upcoming</b>
<b>Aura4 Combo DAS runs with new spinup</b>				<b>3/10/08</b>	
Complete testing of Biomass hourly scaling factors		Yasuko	1/4/08	TBD	
Diagnose potential problem with H2 fix		Megan	2/7/08	2/22/08	
Fix problems with ilat and pstart		Jules	2/13/08	2/15/08	
Perform reruns, 2004-2006 w/ new restart file& MEGAI		Megan	2/22/08	3/10/08	
Perform 6 month Ziemke-Chandra run		Megan	3/3/08	3/7/08	
<b>Processing GEOS Met Fields</b>				<b>2/29/08</b>	
Adjust scripts to change units as needed		Megan	1/18/08	1/21/08	1/31/08
Process several months of test data		Megan	1/22/08	1/28/08	1/28/08
Modify scripts for variant GMAO format in early 2006 d		Megan	2/13/08	2/22/08	
Modify scripts for batch processing		Megan	2/15/08	2/22/08	
Process 2006-7 GEOS5 data		Megan	2/25/08	2/29/08	
<b>GEOS-1/GISS runs (for Hongyu)</b>				<b>2/29/08</b>	
Regrid sad/h2o_ch4 file to 46 levels		Steve	1/18/08	2/20/08	
Determine why runs get hung up		Gary/Megan	2/15/08	2/20/08	
Perform runs		Gary	2/22/08	2/29/08	
<b>Combo Integration with GEOS-5</b>					
Remove mcor inside emission component		Jules			
Assist GMAO as needed		Jules			
<b>Implementing GEOS5 Changes in GMI</b>				<b>3/14/08</b>	
Import surface layer depths into emis component		Jules	TBD	TBD	
Add option to use predicted CH4/H2O instead of clim.		Jules	TBD	TBD	

H2O and H2OCOND transported when using predicted	Jules	TBD	TBD
Match GMI and G5 H2O un	Jules	TBD	TBD
Import trop pressure to PSC routines	Jules	TBD	TBD
Hand H2OCOND to H2O if H2OCOND in trop	Jules	TBD	TBD
Implement time-flexible interpolation for monthly BCs	Jules	TBD	TBD
Make surface emission outputs only 1 level, not 72	Jules	TBD	TBD

### Update GMI to use GEOS5 metfields

**3/10/08**

Update GMI convective transport for GEOS5	Steve	2/27/08	3/10/08
Generate a test run with G5 metfields	Megan	TBD	TBD
Test trace gas and aerosol output	Steve/Huisheng	TBD	TBD

### Gas-phase/aerosol coupling

**5/14/08**

Update setkins	Steve	1/17/08	2/11/08
Run model with new sulfur chem-gas phase only	Steve	TBD	TBD
Run model with new gas phase chem and aerosol mod	Steve	TBD	TBD
Run model with new chem and aerosol modules and ou	Steve	TBD	TBD
Run model with aerosol and chem interacting	Steve	TBD	TBD

### Update JPL06 Cross-sections

**2/15/08**

Reformat cross-sections	Tom	11/21/07	1/16/08
Identify new features of JPL06	Huisheng	1/17/08	2/8/08
Update cross-sections for JPL06 strat species	Huisheng/Tom	2/11/08	2/15/08

### Add advecCore to the GMI code

**4/4/08**

Add advecCore into code	Jules	12/7/07	1/30/08
Add ESMF calls	Jules	1/2/08	3/15/08
Test new code and validate	Jules	3/15/08	4/4/08

### Processing ECMWF Met Fields

Process 2006 ECMWF fields from Michael Prather	Jules/Tom	TBD	TBD
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### GMI Website

Redesign GMI website	Lara	1/2/08	2/28/08
Update Homepage Names	Lara		
Alternating Science Pics	Lara		
Next meeting updated	Lara		
Animate GMI banner	Lara		
Create GMI production run spreadsheet on GMI website	Lara	2/21/07	3/7/08

## Other Code Updates/Model Runs/Issues

Varies

Update production run spreadsheet	Megan	as needed	
Generate summary sheet for FVGCM runs	Megan	2/18/08	2/22/08
Generate draft GMI User's Guide	Megan/Gary/Jul	6/26/07	2/15/08
Gather comments in User's Guide and edit	Megan/Gary/Jul	2/18/08	3/14/08
Assist scientists as needed	Jules/Megan	TBD	TBD
Generate self-contained/regression tests for code	Megan	9/12/07	TBD
Decide on monthly vs. daily interpolation	TBD	TBD	TBD
Fix advect_opt bug	Jules	TBD	TBD
Calculate total column ozone for das and fvgcm runs	Gary/Megan	TBD	TBD
Begin migrating from email groups to ModelingGuru	GMI Team	TBD	TBD
Fix date/met field bug	Jules/Megan	TBD	TBD
Fix leap year bug	Jules/Megan	TBD	TBD
Fix "no emission" bug	Jules	TBD	TBD
Introduce aerosol/gas phase coupling	Jules/Megan	TBD	TBD
Implement/test fastjx6.1	Jules	TBD	TBD
Implement stratospheric water transport	TBD	TBD	TBD
Add Linoz to the model	Jules/Steve		
Test Combo/strat code with GCR files	Jules/Steve		
Baseline w/ new trop 124 sp, JPL06-2, H2 fix, fastjx53	Gary		
Diagnose strange "filename" problem (compiler?)	Jules et al.		
Condense emissions variables into two variables	Jules		
Continue code componentization			
Complete Metfields Componentization	Jules		
Remove default settings from Metfields	Jules		
Change netCDF data format	Jules		
Help develop NCCS data-sharing for GMI data	Gary		
Hindcast runs	Megan		

Introduce mesospheric chemistry  
Prepare ESMF Wrappers for GMI code

Jules/Megan  
Jules